

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 7,462,421 B2  
APPLICATION NO. : 10/771411  
DATED : December 9, 2008  
INVENTOR(S) : Hideyasu Takatsuji et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 3, Line 2, change “2.1, 02 gas” to --2.1, O<sub>2</sub> gas--;

In Column 4, Line 67, change “Co<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>(OH)<sub>2</sub>” to  
--Co<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>(OH)<sub>2</sub>--;

In Column 5, Line 8, change “LiCo<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>--;  
Line 9, change “600° C. for” to --600° C for--;  
Line 10, change “900° C. for” to --900° C for--;  
Line 23, change “LiCu<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.947</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>--;  
Line 50, change “20 Mm-thick” to --20 μm-thick--;

In Column 6, Line 35, change “LiCu<sub>0.992</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.992</sub>Mg<sub>0.05</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>--;  
Line 55, change “LiCo<sub>0.847</sub>Mg<sub>0.15</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.847</sub>Mg<sub>0.15</sub>Al<sub>0.003</sub>Na<sub>0.001</sub>O<sub>2</sub>--;

In Column 7, Line 15, change “LiCu<sub>0.9499</sub>Mg<sub>0.05</sub>Al<sub>0.0001</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.9499</sub>Mg<sub>0.05</sub>Al<sub>0.0001</sub>Na<sub>0.001</sub>O<sub>2</sub>--;  
Line 43, change “LiCu<sub>0.9495</sub>Mg<sub>0.05</sub>Al<sub>0.0005</sub>Na<sub>0.001</sub>O<sub>2</sub>” to  
--LiCo<sub>0.9495</sub>Mg<sub>0.05</sub>Al<sub>0.0005</sub>Na<sub>0.001</sub>O<sub>2</sub>--;

**CERTIFICATE OF CORRECTION (continued)**  
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In Column 8, Line 4, change “ $\text{LiCu}_{0.945}\text{Mg}_{0.05}\text{Al}_{0.0005}\text{Na}_{0.001}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.945}\text{Mg}_{0.05}\text{Al}_{0.005}\text{Na}_{0.001}\text{O}_2$ --;

Line 31, change “ $\text{LiCu}_{0.94}\text{Mg}_{0.05}\text{Al}_{0.01}\text{Na}_{0.001}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.94}\text{Mg}_{0.05}\text{Al}_{0.01}\text{Na}_{0.001}\text{O}_2$ --;

Line 40, change “ $\text{LiCu}_{0.94}\text{Mg}_{0.05}\text{Al}_{0.01}\text{Na}_{0.001}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.94}\text{Mg}_{0.05}\text{Al}_{0.01}\text{Na}_{0.001}\text{O}_2$ --;

Line 60, change “ $\text{LiCu}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.0002}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.0002}\text{O}_2$ --;

In Column 9, Line 21, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.08}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.08}\text{O}_2$ --;

Line 49, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.0002}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.0002}\text{O}_2$ --;

In Column 10, Line 10, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.008}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.008}\text{O}_2$ --;

In Column 13, Line 20, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.01}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{Na}_{0.01}\text{O}_2$ --;

In Column 14, Line 2, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.0001}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.0001}\text{O}_2$ --;

Line 30, change “ $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.01}\text{O}_2$ ” to  
-- $\text{LiCo}_{0.947}\text{Mg}_{0.05}\text{Al}_{0.003}\text{K}_{0.01}\text{O}_2$ --;

In Column 15, Line 22, change “ $20^\circ \text{ C.}$ , the” to -- $20^\circ \text{ C.}$ , the--;  
Line 31, change “ $20^\circ \text{ C.}$ , the” to -- $20^\circ \text{ C.}$ , the--;  
Line 37, change “ $85^\circ \text{ C.}$  for” to -- $85^\circ \text{ C.}$  for--;  
Line 45, change “ $20^\circ \text{ C.}$ , the” to -- $20^\circ \text{ C.}$ , the--;

**CERTIFICATE OF CORRECTION (continued)**  
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In Column 16, Line 32, change “60° C. for” to --60° C for--;

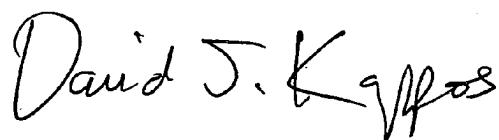
Line 38, change “20° C., the” to --20° C, the--;

In Column 17, Line 48, change “0.15 molt.” to --0.15 mol%--; and

Line 59, change “0.01 molt.” to --0.01 mol%--.

Signed and Sealed this

Ninth Day of March, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office